

Abstract of the Disclosure

A multilayer optical memory of WORM (write-once-read-many) type has photosensitive layers with fluorescent reading. The disc contains a transparent
5 substrate and multiple information layers spatially divided from one another by polymer layers and assembled using adhesive layers. Information is stored in a photosensitive substance within spiral grooves. The photosensitive substance can be formed as a continuous layer or as discrete grooves on a non-photosensitive background. Various compositions for the photosensitive substance allow recording
10 in by changing fluorescence bleaching or emitting, with threshold-type recording.

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